

Grease Piston Pumps

Lion™ 450 25:1 Pump

Lion™ 450 25:1 Pump Description

Lion™ 450 - 25:1. This medium pressure double ball pump can be used for both grease and oil in high volume medium pressure bulk transfer applications. The construction of the pump allows for dual use for grease systems that don't require high pressure or a high volume medium pressure oil system.

Lion™ 450 25:1 Pump Models Available

- ❑ **1450-001** Lion™ 450 25:1 grease 400 lb drum pump

Lion™ 450 25:1 Pump Specifications

- 3.1. Pump will have a 25:1 ratio
- 3.2. Pump will have a 4.5" (115 mm) effective diameter displacement air motor
- 3.3. Pump will have an air inlet port of 1/2" NPT(F)
- 3.4. Pump will have a fluid outlet port of 1/2" NPT(F)
- 3.5. Pump will have a free flow of 35 lb/min (16 kg/min) based on 100 psi (7 bar)
- 3.6. Pump will have an operating air pressure of 30 - 200 psi (1.38 - 14 bar)
- 3.7. Pump will have an air consumption pressure at 47 cfm (1.340 NI/min)
- 3.8. Pump will not exceed 6 cycles per pound
- 3.9. Pump will have a continuous duty flow rate of 13 lb/min (16 kg/min)
- 3.10. Pump will have a max fluid stall pressure of 5,000 psi (350 bar)
- 3.11. Pump will have an air motor stroke of 4" (100 mm)

Materials

- 4.1. The wetted materials will consist of Cast Iron, Steel, Hard Chromed Steel, UHMWPE, and Buna-N™

Warranty

- 5.1. The Lion™ 450 25:1 pump will have a 1-year standard warranty on defects in materials and workmanship only.